

What is claimed is:

1 1. A system for processing multimedia data,
2 comprising:

3 a digital content server, merging text and
4 multimedia data into a multimedia file
5 according to content templates, and retrieving
6 text data, in which URL information is embedded
7 by prototype definition, from the Internet; and
8 a digital content player, coupled to the digital
9 content server, obtaining and playing the
10 multimedia file using RTSP, and retrieving the
11 text data from the digital content server using
12 SOAP according to the URL information.

1 2. The system as claimed in claim 1, wherein the
2 digital content server further comprises a video
3 streaming encoder, merging the text and multimedia data
4 into the multimedia file.

1 3. The system as claimed in claim 1, wherein the
2 digital content server further comprises an access
3 interface module, retrieving the text data from the
4 Internet, accessed by the digital content player via
5 SOAP.

1 4. The system as claimed in claim 1, wherein the
2 digital content player further comprises a data
3 processing module, accessing the text data according to
4 the URL information.

1 5. The system as claimed in claim 1, wherein the
2 multimedia file is an MPEG-4 format file or a multimedia
3 video stream.

1 6. The system as claimed in claim 1, wherein the
2 content templates include multimedia and text templates.

1 7. A system for processing interactive multimedia
2 data, comprising:

3 an access interface module, retrieving real text
4 data from a text database;

5 a video streaming encoder, merging text data, stored
6 in the text database, and multimedia data into
7 a multimedia file according to content
8 templates; and

9 an MPEG-4 stream server, coupled to the video
10 streaming encoder, retrieving the multimedia
11 file from the video streaming encoder, for
12 delivery to an MPEG-4 system player.

1 8. The system as claimed in claim 7 further
2 comprising a data processing module, retrieving text data
3 in which URL information is embedded by prototype
4 definition, from the access interface module via SOAP.

1 9. The system as claimed in claim 8, wherein the
2 MPEG-4 system player retrieves and plays the multimedia
3 file from the MPEG-4 stream server, and retrieves the
4 real text data from the access interface module via SOAP
5 according to the URL information.

1 10. The system as claimed in claim 8, wherein the
2 data processing module converts the text data to images
3 and text.

1 11. The system as claimed in claim 7 further
2 comprising a content template database, storing the
3 content templates.

1 12. The system as claimed in claim 7, wherein the
2 multimedia file is an MPEG-4 format file or a multimedia
3 video stream.

1 13. The system as claimed in claim 7, wherein the
2 MPEG-4 system player obtains the multimedia file via
3 RTSP.

1 14. The system as claimed in claim 7, wherein the
2 content templates include multimedia and text templates.

1 15. A method for processing interactive multimedia
2 data, comprising the steps of:
3 connecting to a digital content server in accordance
4 with URL information, embedded in real text
5 data by proto-type definition;
6 merging multimedia and text data, retrieved from the
7 Internet, as a multimedia file;
8 accessing and playing the multimedia file retrieved
9 from the digital content server;
10 determining whether the text data is processed;
11 retrieving the text data according to the URL
12 information through a web accessing interface
13 if the text data is processed.

1 16. The method as claimed in claim 15, wherein
2 merging step further comprises:

3 determining whether the retrieved data is video
4 data;

5 converting the retrieved data to a multimedia video
6 stream if the retrieved data is the video data;

7 storing the multimedia video stream in a video
8 buffer;

9 retrieving the multimedia and text data from the
10 Internet if the retrieved data is not the video
11 data; and

12 merging the multimedia and text data into the
13 multimedia file.

1 17. The method as claimed in claim 15, wherein
2 determination step further comprises:

3 determining whether an access request is retrieved;
4 and

5 retrieving the text data from a text database if the
6 access request is retrieved.

1 18. The method as claimed in claim 15, wherein the
2 digital content server is connected via RTSP.

1 19. The method as claimed in claim 15, wherein the
2 real text data is retrieved via SOAP.

1 20. The method as claimed in claim 15, wherein the
2 multimedia file is an MPEG-4 format file or a multimedia
3 video stream.